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Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 4 June 2014 from the Permanent Mission of Lithuania to the United Nations addressed to the Secretary-General

The Permanent Mission of Lithuania to the United Nations, in accordance with General Assembly resolution 1721 B (XVI) of 20 December 1961, article IV of the Convention on Registration of Objects Launched into Outer Space (resolution 3235 (XXIX), annex) and resolution 62/101 of 17 December 2007, has the honour to transmit information concerning the first Lithuanian space objects LitSat-1 and LituanicaSat-1, which were launched on 28 February 2014 (see annex).

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Annex

Registration data on space objects launched by Lithuania*

LitSat-1

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator:	1998-067EP
Name of the space object:	LitSat-1
National designator/registration number:	The national registry has not yet been established
State of registry:	Lithuania
Other launching States:	United States of America
Date and territory or location of the launch	
Date of the launch:	28 February 2014 at 0730 hrs UTC
Territory or location of the launch:	International Space Station (ISS)
Basic orbital parameters	
Nodal period:	92.83 minutes
Inclination:	51.65 degrees
Apogee:	422 kilometres
Perigee:	417 kilometres
General function of the space object:	Testing of the functioning of general satellite systems (power supply, radio communications, solar batteries), testing of the Global Positioning System/Global Navigation Satellite System receiver in space, testing of the linear radio transponder and collection of satellite attitude data.
Date of decay/re-entry/de-orbit:	28 September 2014 at 0730 hrs

* The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Date when space object is no longer functional:	28 September 2014 at 0730 hrs
Physical conditions when space object is moved to a disposal orbit:	Satellite re-entry into the Earth's atmosphere and destruction in the atmosphere
Website:	www.litsat1.eu
Space object owner or operator:	Lithuanian Space Association and Kaunas University of Technology
Other information:	On 9 January 2014 at 1.07 p.m. Eastern Standard Time, the spacecraft Cygnus Orb-1, carrying LitSat-1 to ISS, was launched from Wallops Island, Virginia, United States. LitSat-1 was deployed from ISS on 28 February at 0730 hours UTC by astronaut Koichi Wakata (amateur radio call-sign "KC5ZTA").

LituanicaSat-1

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator:	1998-067EN
Name of the space object:	LituanicaSat-1
National designator/registration number:	The national registry has not yet been established
State of registry:	Lithuania
Other launching States:	United States of America
Date and territory or location of the launch	
Date of the launch:	28 February 2014 at 0730 hrs UTC
Territory or location of the launch:	International Space Station
Basic orbital parameters	
Nodal period:	92.85 minutes
Inclination:	51.65 degrees
Apogee:	423 kilometres
Perigee:	418 kilometres

General function of the space object:	Technology demonstrations developed on the Arduino open-source electronics prototyping platform to collect Earth images from space, test solar cells for future satellites and test an FM voice repeater to extend radio communication distances.

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Website:	www.kosmonautai.lt/en/satellite
Space object owner or operator:	Vilnius University and Innovative Engineering Projects, NPO
Other information:	On 9 January 2014 at 1.07 p.m. Eastern Standard Time, the spacecraft Cygnus Orb-1, carrying LituanicaSat-1 to ISS, was launched from Wallops Island, Virginia, United States. LituanicaSat-1 was deployed from ISS on 28 February at 0730 hrs UTC by astronaut Koichi Wakata (amateur radio call-sign "KC5ZTA").

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Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 20 June 2014 from the Permanent Mission of Nigeria to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of Nigeria to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (resolution 3235 (XXIX), annex), has the honour to transmit information concerning space objects NigeriaSat-2 and NigeriaSat-X (see annex).

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Annex

Registration data on space objects launched by Nigeria*

NigeriaSat-2

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator:	2011-044B
Name of the space object:	NigeriaSat-2 (N2)
National designator/registration number:	N2
State of registry:	Nigeria (Ministry of Communication Technology)
Date and territory or location of the launch	
Date of the launch:	17 August 2011 at 0712 hours UTC
Territory or location of the launch:	Yasny launch base, Russian Federation
Basic orbital parameters	
Nodal period:	98.5 minutes
Inclination:	98.2 degrees
Apogee:	701.7 kilometres
Perigee:	688 kilometres
General function of the space object:	N2 is an Earth observation mission. It is a space-based optical sensor system that provides accurate and timely images of the Earth. The N2 imaging payload provides very high resolution 2.5-m panchromatic and 5-m, 5-band multispectral high-resolution imaging. N2 is a contributing sensor to the Disaster Monitoring Constellation. Imagery transmitted to ground stations will be used for humanitarian, environmental and commercial applications.
Remarks:	Additional information has been provided by the Russian Federation in ST/SG/SER.E/641.

* The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner or operator:	National Space Research and Development Agency, Nigeria

NigeriaSat-X

Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator:	2011-044C
Name of the space object:	NigeriaSat-X (NX)
National designator/registration number:	NX
State of registry:	Nigeria (Ministry of Communication Technology)
Date and territory or location of the launch	
Date of the launch:	17 August 2011 at 0712 hours UTC
Territory or location of the launch:	Yasny launch base, Russian Federation
Basic orbital parameters	
Nodal period:	98.8 minutes
Inclination:	98.18 degrees
Apogee:	716.9 kilometres
Perigee:	697.6 kilometres
General function of the space object:	NX is an Earth observation mission. It is a space-based optical sensor system that provides accurate and timely images of the Earth. The NX imaging payload provides medium-resolution 22-m ground-sample distance, 3-band multispectral imaging. NX is a contributing sensor to the Disaster Monitoring Constellation. Imagery transmitted to ground stations will be used for humanitarian, environmental and commercial applications.
Remarks:	Additional information has been provided by the Russian Federation in ST/SG/SER.E/641.

Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner or operator:	National Space Research and Development Agency, Nigeria